Aw

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT RECEIVED BY:

To: SCOTT E. BRIENT CUSTOMER NO. 00826 ALSTON & BIRD LLP BANK OF AMERICA PLAZA 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NC 28280-4000	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION (PCT Rule 44.1)

	Date of mailing *(day/month/year)* **2 5 SEP 2008**
Applicant's or agent's file reference 18360/331108	**FOR FURTHER ACTION** See paragraphs 1 and 4 below
International application No. PCT/US 07/15731	International filing date *(day/month/year)* 09 July 2007 (09.07.2007)
Applicant UNITED PARCEL SERVICE OF AMERICA, INC.	

1. ☒   The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

   Filing of amendments and statement under Article 19:
   The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):
   > **When?**   The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.
   > **Where?**   Directly to the International Bureau of WIPO, 34 chemin des Colombettes
   > 1211 Geneva 20, Switzerland, Facsimile No.: +41 22 740 1435
   > **For more detailed instructions,** see the notes on the accompanying sheet.

2. ☐   The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. ☐   With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

   ☐   the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

   ☐   no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Reminders**

   Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

   The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

   Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

   In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

   See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide,* Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the ISA/US	Authorized officer:
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450	Lee W. Young
Facsimile No. 571-273-3201	PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

Form PCT/ISA/220 (January 2004)   *(See notes on accompanying sheet)*

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

<table>
<tr>
<td>
To:
   SCOTT E. BRIENT
   CUSTOMER NO. 00826
   ALSTON & BIRD LLP
   BANK OF AMERICA PLAZA
   101 SOUTH TRYON STREET, SUITE 4000
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<h1>PCT</h1>

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT AND
THE WRITTEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY, OR THE DECLARATION

(PCT Rule 44.1)
</td>
</tr>
</table>

Date of mailing (day/month/year)	**25 SEP 2008**

Applicant's or agent's file reference	
18360/331108	**FOR FURTHER ACTION** See paragraphs 1 and 4 below

International application No.	International filing date (day/month/year)
PCT/US 07/15731	09 July 2007 (09.07.2007)

Applicant UNITED PARCEL SERVICE OF AMERICA, INC.

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

   Filing of amendments and statement under Article 19:
   The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

      When?   The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

      Where?   Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: +41 22 740 1435

      For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

      ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

      ☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Reminders**

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   The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

   Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

   In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

   See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the ISA/US	Authorized officer:
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Lee W. Young PCT Helpdesk, 571-272-4300 PCT OSP: 571-272-7774

Form PCT/ISA/220 (January 2004)   *(See notes on accompanying sheet)*

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 18360/331108	**FOR FURTHER ACTION**	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/US 07/15731	International filing date *(day/month/year)* 09 July 2007 (09.07.2007)	(Earliest) Priority Date *(day/month/year)* 07 July 2006 (07.07.2006)
Applicant UNITED PARCEL SERVICE OF AMERICA, INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of _____9_____ sheets.

    ☐ It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

    a. With regard to the **language**, the international search was carried out on the basis of:

        ☒ the international application in the language in which it was filed.

        ☐ a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

    b. ☐ This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6*bis*(a)).

    c. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (see Box No. II).

3. ☐ **Unity of invention is lacking** (see Box No. III).

4. With regard to the **title**,

    ☒ the text is approved as submitted by the applicant.

    ☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

    ☒ the text is approved as submitted by the applicant.

    ☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

    a. the figure of the **drawings** to be published with the abstract is Figure No. _5_____

        ☒ as suggested by the applicant.

        ☐ as selected by this Authority, because the applicant failed to suggest a figure.

        ☐ as selected by this Authority, because this figure better characterizes the invention.

    b. ☐ none of the figures is to be published with the abstract.

A.	CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 17/00 (2008.04)
USPC - 705/409

According to International Patent Classification (IPC) or to both national classification and IPC

B.	FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC (8): G06F 17/00 (2008.04)
USPC: 705/409

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 705/1, 28, 400, 410; 707/3, 101; 715/200 (See keywords below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Pub WEST (USPT, PGPB, JPAB, EPAB), Google Scholar, Dialog Pro.
Search Terms Used: convert data, executable code, parsing, scan, source, rate calculator, scan, read, source file, automatic input, file, delivery zone, domestic, international, origin, postal, zip, rate chart, calling code, function, source data, format,....

C.	DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/0101425 A1 (DONOVAN et al.), 11 May 2006 (11.05.2006), entire document,	27-28
-------	especially para [0033]-[0036]; [0035]-[0037]; [0038]-[0039]; [0043]-[0045]; [0047]-[0049] and	-------------------------------
Y	[0081].	1-26
Y	US 2004/0254808 A1 (BENNETT et al.), 16 December 2004 (16.12.2004), entire document, especially para [0103]-[0105]; [0149]-[0158]; [0185]-[0191]; [0281]-[0285] and[0306]-[0309].	1-26

	Further documents are listed in the continuation of Box C.	☐

*	Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance		
"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed	"&"	document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
16 August 2008 (16.08.2008)	**25 SEP 2008**

Name and mailing address of the ISA/US	Authorized officer:
Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450	Lee W. Young
Facsimile No. 571-273-3201	PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

Form PCT/ISA/210 (second sheet) (April 2007)

Box No. I	Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:

   ☒ the international application in the language in which it was filed.

   ☐ a translation of the international application into _____ which is the language of a
   translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified
   to this Authority under Rule 91 (Rule 43*bis*.1(a))

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been
   established on the basis of:

   a. type of material

        ☐ a sequence listing

        ☐ table(s) related to the sequence listing

   b. format of material

        ☐ on paper

        ☐ in electronic form

   c. time of filing/furnishing

        ☐ contained in the international application as filed

        ☐ filed together with the international application in electronic form

        ☐ furnished subsequently to this Authority for the purposes of search

4. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been
   filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that
   in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

5. Additional comments:

Box No. V	Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-26	YES
	Claims	27-28	NO
Inventive step (IS)	Claims	None	YES
	Claims	1-28	NO
Industrial applicability (IA)	Claims	1-28	YES
	Claims	None	NO

2. Citations and explanations:

Claims 27-28 lack novelty under PCT Article 33(2) as being anticipated by US 2006/0101425 A1 to Donovan et al. (hereafter 'Donovan').

Regarding claim 27, Donovan teaches a method for securing data used in a transaction, comprising: a) scanning said data from at least one source file (para [0033]-[0036]); b) parsing said data in accordance with a template (para [0035]-[0037]; para [0043]-[0045]); and c) generating executable code utilizing said parsed data, wherein: said executable code is executable without accessing said source file to receive one or more parameters related to a transaction, and to provide an output required to complete said transaction (para [0035]-[0037]; para [0043]-[0045]).

Regarding claim 28, Donovan teaches a method for securing data provided to a user, comprising: a) scanning said data from at least one source file (para [0033]-[0036]); b) parsing said data in accordance with a template (para [0035]-[0037]; para [0043]-[0045]); and c) generating executable code utilizing said parsed data, wherein: said executable code is executable without accessing said source file to receive one or more parameters related to a transaction, and to provide said data to a user (para [0035]-[0037]; para [0043]-[0045]).

Claims 1-26 lack an inventive step under PCT Article 33(3) as being obvious over Donovan in view of US 2004/0254808 A1 to Bennett et al. (hereafter 'Bennett').

Regarding claims 1 and 19, Donovan teaches a system and method for converting data into executable code, said system comprising: one or more applications, wherein said one or more applications are configured to perform the steps of (para [0038]-[0039]; para [0081]): a) scanning said data from at least one source file (para [0033]-[0036]); b) after scanning said data from said source file, parsing said data in accordance with a template (para [0035]-[0037]; para [0043]-[0045]); and c) utilizing said parsed data to generate said executable code wherein, said executable code is executable, without accessing said source file (para [0035]-[0037]; para [0043]-[0045]). Donovan does not teach the source file contain data used for shipment rate calculations. However, Bennett teaches a source file contain data used for shipment rate calculations (para [0149]-[0155]; para [0185]-[0191]; para [0281]-[0285]); receive one or more parameters related to a shipment, and provide said data for said shipment (para [0103]-[0105]; para [0154]-[0158]; para [0306]-[0309]). It would have been obvious to one of ordinary skilled in the art to combine the teachings of Donovan with the shipment data file taught by Bennett and develop a system that could scan the shipment data file and generate an executable code for receiving one or more parameters related to a shipment and provide said data for said shipment, since it provides an automated shipment management system, thus providing a commercial real-world use for Donovan.

Regarding claim 2, Donovan teaches the source file comprises at least one attribute block that includes one or more data definition attributes (para [0041]-[0045]).

Regarding claim 3, Donovan teaches the data comprises at least one line of delimited values as defined by said attribute block (para [0047]-[0049]).

Regarding claim 4, Bennett teaches the data comprises at least one delivery zone chart (para [0297]-[0300]); and said attribute blocks comprise: (a) a chart name (para [0355]-[0357]); (b) an indicator of whether said data is domestic or international (para [0304]-[0308]); (c) an origin country of said shipment (para [0232]-[0233]); (d) a service for said data (para [0171]-[0172]); (d) a layout of said data (para [0249]-[0250]); (e) an origin postal code that said data applies to (para [0232]-[0233]; and (f) an effective date for said data (para [0214]-[0220]).

Regarding claim 5, Bennett teaches the data comprises at least one rate chart (para [0205]-[0210]); and said attribute blocks comprise a chart name, an effective date for said data, header information, and prefix information (para [0214]-[0220]; para [0355]-[0357]).

--- (See Continuation in Supplemental Box) ---

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of:
Box V. Reasoned Statement.
2 Citations and Explanations.

Regarding claim 6, Bennett teaches the data comprises at least one delivery zone chart (para [0209]-[0300]).

Regarding claim 7, Bennett teaches the data comprises at least one rate chart (para [0300]).

Regarding claim 8, Donovan teaches the template describes descriptors, types, and formats of elements contained within said source file (para [0047]-[0050]).

Regarding claim 9, Donovan teaches the template is embodied within said source file (para [0041]-[0043]).

Regarding claims 10 and 23, Donovan teaches a system and method for retrieving data comprising: one or more applications, wherein said applications are configured to perform the steps of (para [0038]-[0039]; para [0081]): calling an executable code (para [0045]; para [0068]-[0072]), wherein: said executable code is generated by scanning said data from at least one source file and parsing said data in accordance with a template (para [0033]-[0037]; para [0043]-[0045]); and said executable code is executable without accessing said source file (para [0035]-[0037]; para [0043]-[0045]). Donovan does not teach the code is used for retrieving data related to shipment rate calculations. However, Bennett teaches to receive one or more parameters related to a shipment and provide said data for said shipment (para [0103]-[0105]; para [0154]-[0158]; para [0306]-[0309]). It would have been obvious to one of ordinary skilled in the art to combine the teachings of Donovan with the shipment data file taught by Bennett and develop a system that could retrieve shipment data, since it enable to automate the system for shipment management, thus providing a real-world commercial use for Donovan.

Regarding claim 11, Donovan teaches the source file comprises at least one attribute block that includes one or more data definition attributes (para [0041]-[0045]).

Regarding claim 12, Donovan teaches the data comprises at least one line of delimited values as defined by said attribute block (para [0047]-[0049]).

Regarding claim 13, Bennett teaches the data comprises at least one delivery zone chart (para [0297]-[0300]); and said attribute blocks comprise: (a) a chart name (para [0355]-[0357]); (b) an indicator of whether said data is domestic or international (para [0304]-[0308]); (c) an origin country of said shipment (para [0232]-[0233]); (d) a service for said data (para [0171]-[0172]); (d) a layout of said data (para [0249]-[0250]); (e) an origin postal code that said data applies to (para [0232]-[0233]; and (f) an effective date for said data (para [0214]-[0220]).

Regarding claim 14, Bennett teaches the data comprises at least one rate chart (para [0205]-[0210]); and said attribute blocks comprise a chart name, an effective date for said data, header information, and prefix information (para [0214]-[0220]; para [0355]-[0357]).

Regarding claim 15, Bennett teaches the data comprises at least one delivery zone chart (para [0209]-[0300]).

Regarding claim 16, Bennett teaches the data comprises at least one rate chart (para [0300]).

Regarding claim 17, Donovan teaches the template describes descriptors, types, and formats of elements contained within said source file (para [0047]-[0050]).

Regarding claim 18, Donovan teaches the template is embodied within said source file (para [0041]-[0043]).

Regarding claim 20, Bennett teaches the data comprises at least one delivery zone chart (para [0297]-[0300]); and said attribute blocks comprise: (a) a chart name (para [0355]-[0357]); (b) an indicator of whether said data is domestic or international (para [0304]-[0308]); (c) an origin country of said shipment (para [0232]-[0233]); (d) a service for said data (para [0171]-[0172]); (d) a layout of said data (para [0249]-[0250]); (e) an origin postal code that said data applies to (para [0232]-[0233]); and (f) an effective date for said data (para [0214]-[0220]).

Regarding claim 21, Bennett teaches the data comprises at least one rate chart (para [0205]-[0210]); and said attribute blocks comprise a chart name, an effective date for said data, header information, and prefix information (para [0214]-[0220]; para [0355]-[0357]).

Regarding claim 22, Donovan teaches the template describes descriptors, types, and formats of elements contained within said source file (para [0047]-[0050]).

Regarding claim 24, Bennett teaches the data comprises at least one delivery zone chart (para [0297]-[0300]); and said attribute blocks comprise: (a) a chart name (para [0355]-[0357]); (b) an indicator of whether said data is domestic or international (para [0304]-[0308]); (c) an origin country of said shipment (para [0232]-[0233]); (d) a service for said data (para [0171]-[0172]); (d) a layout of said data (para [0249]-[0250]); (e) an origin postal code that said data applies to (para [0232]-[0233]; and (f) an effective date for said data (para [0214]-[0220]).

--- (See Continuation in Supplemental Box) ---

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of:
Box V. Reasoned Statement.
2. Citations and Explanations.

Regarding claim 25, Bennett teaches the data comprises at least one rate chart (para [0205]-[0210]); and said attribute blocks comprise a chart name, an effective date for said data, header information, and prefix information (para [0214]-[0220]; para [0355]-[0357]).

Regarding claim 26, Donovan teaches the template describes descriptors, types, and formats of elements contained within said source file (para [0047]-[0050]).

Claims 1-28 have industrial applicability as defined by PCT Article 33(4) because the subject matter claimed can be made or used in industry.